

What is claimed is:

1. A tubular running tool connectable to a drilling rig assembly for inserting and selectively, internally gripping a tubular member/string, said tubular running tool comprising:
a barrel forming an axial fluid pathway therethrough, said barrel having a top end and a
5 bottom end, said barrel forming a lower outwardly tapered section;
at least one slip movably connected to said tapered section for selectively engaging an
interior portion of a tubular member;
a moving mechanism functionally connected between said slips and said barrel for
moving said slips in engaging contact with and from said tubular member;
10 an upper sleeve movably disposed about an upper section of said barrel;
a lower sleeve movably disposed about a lower section of barrel; and
wherein a portion of said moving mechanism is connected to said upper and lower sleeve
and said slips.
2. The tubular running tool of Claim 1, wherein:
15 said taper section includes at least one substantially planar section for movably
connecting said slip.
3. The tubular running tool of Claim 1, wherein
said tapered section includes more than one substantially planar section, each said section
having at least one slip movably connected thereto.
- 20 6. The tubular running tool of Claim 1, further including:
gripping members connected to said slip.
7. The tubular running tool of Claim 1, further including:
a fill-up and circulating tool in connection with said barrel.
8. The tubular running tool of Claim 1, further including:
25 a cementing head assembly connected to said barrel; and
a wiper plug assembly comprising at least one detachable wiper plug in connection with
said barrel.



9. The tubular running tool of Claim 7, further including:
a cementing head assembly connected to said barrel; and
a wiper plug assembly having at least one detachable wiper plug in connection with said
fill-up and circulating tool.

5 10. The tubular running tool of Claim 2, further including:
gripping members connected to said slip.

13. The tubular running tool of Claim 1, further including:
a sealing element in connection with said barrel for sealing the annulus between said tool
and the interior surface of said tubular.

10 14. The tubular running tool of Claim 8, further including:
a sealing element in connection with said barrel for sealing the annulus between said tool
and an interior surface of said tubular.

15 15. A tubular running tool connectable to a drilling rig assembly for inserting and selectively,
internally gripping a tubular member/string, said tubular running tool comprising:
a barrel forming an axial fluid pathway therethrough, said barrel having a top end and a
bottom end, said barrel forming a lower outwardly tapered section having at least
one substantially planar section;
at least one slip movably connected to said substantially planar section of said tapered
section for selectively engaging an interior portion of a tubular member;
20 a moving mechanism functionally connected between said slips and said barrel for
moving said slips in engaging contact with and from said tubular member;
an upper sleeve movably disposed about an upper section of said barrel;
a lower sleeve movably disposed about a lower section of barrel;
wherein a portion of said moving mechanism is connected to said upper and lower sleeve
25 and said slip; and
gripping members connected to said slip.

21. The tubular running tool of Claim 15, further including:

a fill-up and circulating tool connected to said barrel.

22. The tubular running tool of Claim 15, further including:
a cementing head assembly connected to said barrel; and
a wiper plug assembly comprising at least one detachable wiper plug in connection with
5 said barrel.

23. The tubular running tool of Claim 15, further including:
a cementing head assembly connected to said barrel; and
a wiper plug assembly having at least one detachable wiper plug in connection with a fill-
up and circulating tool.

- 10 24. A tubular running tool connectable to a drilling rig assembly for inserting and
selectively, internally gripping a tubular member/string, said tubular running tool
comprising:
a barrel forming an axial fluid pathway therethrough, said barrel having a top end and a
bottom end, said barrel forming a lower outwardly tapered section having at least one
15 substantially planar section;
at least one slip movably connected to said substantially planar section of said tapered
section for selectively engaging an interior portion of a tubular member;
an upper sleeve movably disposed about an upper section of said barrel;
a lower sleeve movably disposed about a lower section of said barrel; and
20 a moving mechanism functionally connected for moving said slip in engaging contact
with and from said tubular member wherein a portion of said moving mechanism is connected
to said upper and lower sleeve and said slip.

- 25 25. The tubular running tool of Claim 24, further including:
gripping members connected to said slip.

26. The tubular running tool of Claim 24, further including:
a fill-up and circulating tool connected to said barrel.

27. The tubular running tool of Claim 24, further including:

a cementing head assembly connected to said barrel; and
a wiper plug assembly comprising at least one detachable wiper plug in connection with
said barrel.

28. The tubular running tool of Claim 26, further including:

5 a cementing head assembly connected to said barrel; and
a wiper plug assembly having at least one detachable wiper plug in connection with said
fill-up and circulating tool.

29. A tubular running tool connectable to a drilling rig assembly for inserting and selectively,
internally gripping a tubular member/string, said tubular running tool comprising:

10 a barrel forming an axial fluid pathway therethrough, said barrel having a top end and a
bottom end, said barrel forming a lower outwardly tapered section having at least
one substantially planar section;

an upper sleeve movably disposed about an upper portion of said barrel;

a lower sleeve movably disposed about a lower portion of said barrel;

15 at least one slip movably connected to said substantially planar section of said tapered
section and having a gripping section for selectively engaging an interior portion
of a tubular member; and

a moving mechanism functionally connected between said slip, said upper sleeve, and
said lower sleeve for moving said slips in engaging contact with and from said
20 tubular member.

30. The tubular running tool of Claim 29, further including:

a fill-up and circulating tool connected to said barrel.

31. The tubular running tool of Claim 29, further including:

a cementing head assembly connected to said barrel; and

25 a wiper plug assembly comprising at least one detachable wiper plug in connection with
said barrel.

32. The tubular running tool of Claim 30, further including:

a cementing head assembly connected to said barrel; and

a wiper plug assembly having at least one detachable wiper plug in connection with said fill-up and circulating tool.

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